

Table 1

List of proteins capable to modulate CRH signalling						
		gene symbol	SEQ ID No.	AA	title	AC nr
<i>transcription factors</i>						
102865_st	INFIL3	1	2		nuclear factor, interleukin 3 regulated	UB3148
104008_st	Pse	3	4		prostate specificets transcription factor	AB019438
90619_st	Per	5	6		period homolog (Drosophila)	AF022892
104155_st	AT13	7	8		activating transcription factor 3	U19118
<i>kinases</i>						
93030_st	Fgr2	9	10		fibroblast growth factor receptor 2	M23362
97890_st	Sik	11	12		serum/glucocorticoid regulated kinase	NM_011361
96841_st	Prk3	13	14		serine/threonine kinase pim3	BC017621
100133_st	Fyn	15	16		Fyn proto-oncogene	M27268
92310_st	Snk	17	18		serum inducible kinase	NM_152804
<i>secreted proteins</i>						
95055_st	Cok	19	20		Cholecystokinin	NM_031161
102798_st	Adm	21	22		adrenomedullin	U77630
92533_st	Ct	23	24		calcitonin	X97991
<i>cAMP signalling</i>						
103610_st	Ipedo	25	26		lrophosphodiesterase 4B; cAMP specific	NM_019800
97844_st	Irs2	27	28		regulator of G-protein signaling 2	U67167
100359_st	Crem	29	30		cAMP responsive element modulator	MB0285
<i>inositol signalling</i>						
94977_st	IPR1	31	32		inositol 1,4,5-triphosphate receptor 1	X15373
96559_st	IPK31	33	34		inositol 1,4,5-triphosphate receptor 1, regulatory subunit 1, polypeptide 1 (685 amino)	U50413
<i>phosphatases</i>						
104422_st	Prmn	35	36		protein tyrosine phosphatase, receptor-type, N	U11812
104558_st	Prmn6	37	38		protein tyrosine phosphatase, non-receptor, type 16	X61940
<i>receptor and channel regulators</i>						
92534_st	GemKir	39	40		Ras related GTP binding protein	U10551
92368_st	Ramp3	41	42		receptor (calcitonin) activity modifying protein 3	AJ250491
<i>proteases</i>						
92820_st	Usp2	43	44		ubiquitin specific protease 2	NM_016808
<i>unknowns</i>						
93974_st		45	46		IRKEN cDNA 1/50000 F13 gene	NM_133753
95326_st		47	48		Wts/musculin, Similar to Tyrosine aminotransferase, clone MGC:31750 IMAGE:5097591	AA125353
95332_st		49			tumor necrosis factor, alpha-induced protein 3	NM_009397

Table 2

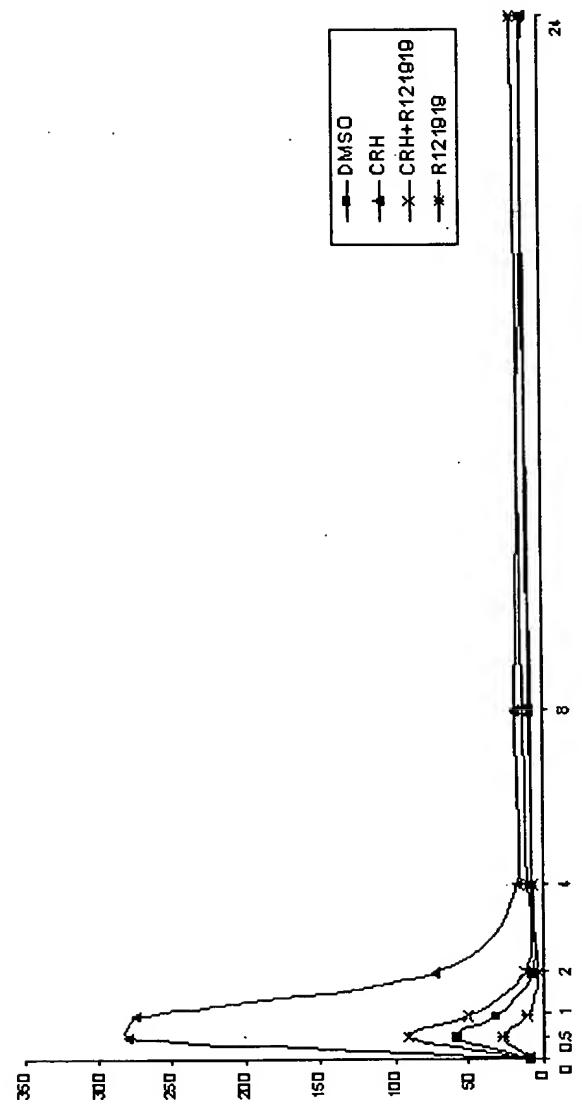
B-actin forward	5'-CATCTTGGCCTCACTGTCCAC-3'
B-actin probe	5'-TGCTTGCTGATCCACATCTGCTGGA-3'
B-actin reverse	5'-GGGCCGGACTCATCGTACT-3'
c-fos forward	5'-GGGAGGACCTTACCTGTTCGT-3'
c-fos probe	5'-CACCAAGGCTGTGGGCTCAAGG-3'
c-fos reverse	5'-CCAGATGTGGATGCTTGCAA-3'
CRF ₂ forward	5'-GGGAGAACAGAACGGCCTG-3'
CRF ₂ probe	5'-AGAAGGGTGGAGGATCCCCAAATCAGAGT-3'
CRF ₂ reverse	5'-CCCTTGTTCAATCAGCTCCA-3'
CRF ₁ forward	5'-TTTCTGAACAGTGAGGTCCGC-3'
CRF ₁ probe	5'-CCGGAAGAGGTGGCGCGA-3'
CRF ₁ reverse	5'-GGGCTCTGATGGAGTGCTTG-3'
Rgs2 forward	5'-TTGGAAGACCCGTTGAGCTA-3'
Rgs2 probe	5'-TCTTGAGAACATTCTGCTCTGGG-3'
Rgs2 reverse	5'-TTTCTTGCCAGTTTGGGCT-3'
Fgfr2 forward	5'-AGACTTCCATGGGAATGATAGCA-3'
Fgfr2 probe	5'-CCTCTCGTCCGGCAGCTGGC-3'
Fgfr2 reverse	5'-AATGTGTAAGCGGGCAGAA-3'
Mig-6 forward	5'-AATCTTTGTCCAATACTGTACACACA-3'
Mig-6 probe	5'-AAAAATGCACTGATCTCCGCA-3'
Mig-6 reverse	5'-GTATGA'ACTAAATGAAGGTTAAACATGCT-3'
Pi3k forward	5'-CCATGGITGCTTGTAAACGCTT-3'
Pi3k probe	5'-CCCAACTTGTAGCTGGTAAAGCTTCA-3'
Pi3k reverse	5'-CCTGTCTACCTTCTGGTCTCCAA-3'
Crem forward	5'-CTTGCTGATCGCTGGAGAGTT-3'
Crem probe	5'-TGCTGATGACCCCTCATTGTGA-3'
Crem reverse	5'-TTAACATTCCGTGAGGTTGCAAGAA-3'
Pde4b forward	5'-GCCGTGTTATGGCTGCAT-3'
Pde4b probe	5'-CAGCCCCCAGGCCACTGTGG-3'
Pde4b reverse	5'-AGGAGGGATAACAGGTGCTGTGT-3'
CCK forward	5'-CCTGGACCCCAGCCATAGA-3'
CCK probe	5'-AGCCCCATGTAGTCCCCGTCACTTA-3'
CCK reverse	5'-TGCGCCCCGCCAAA-3'
CT forward	5'-GCTTGGACAGCCCCAGATC-3'
CT probe	5'-GGTACTCAGATTCCCACACCGCTT-3'
CT reverse	5'-TGTGTGTACGTGCCAGCAT-3'
Nfil-3 forward	5'-GCGAGTTGAAGGCATGCA-3'
Nfil-3 probe	5'-CTCTCTCACCCGCCATGCGAT-3'
Nfil-3 reverse	5'-CCATGTTCTCCAGGTCAAAATG-3'
Ramp-3 forward	5'-TGGCAGACTCGGCTCTGT-3'
Ramp-3 probe	5'-TTTGCTTGGCCACACCTACCTGG-3'
Ramp-3 reverse	5'-CTGGTCGGGAGGACTTTGG-3'
SGK forward	5'-TGGACCAATGCCAGTT-3'
SGK probe	5'-TCAGTCAAAGCCGTGGTGTTCATTG-3'
SGK reverse	5'-GCCCGTTTATAGGTGACATTAA-3'

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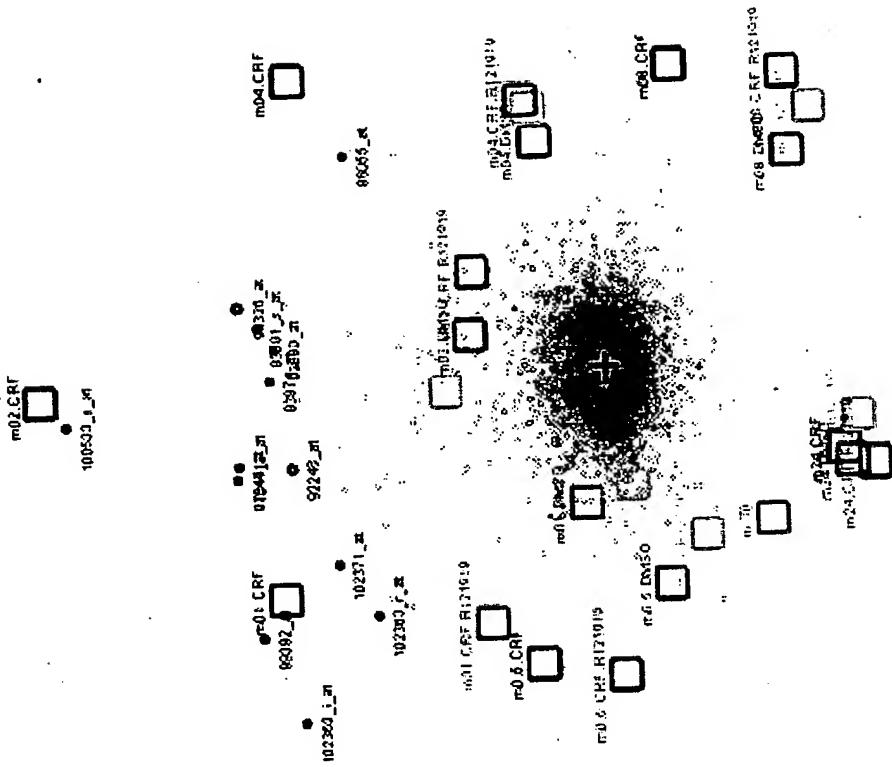
Fig. 1



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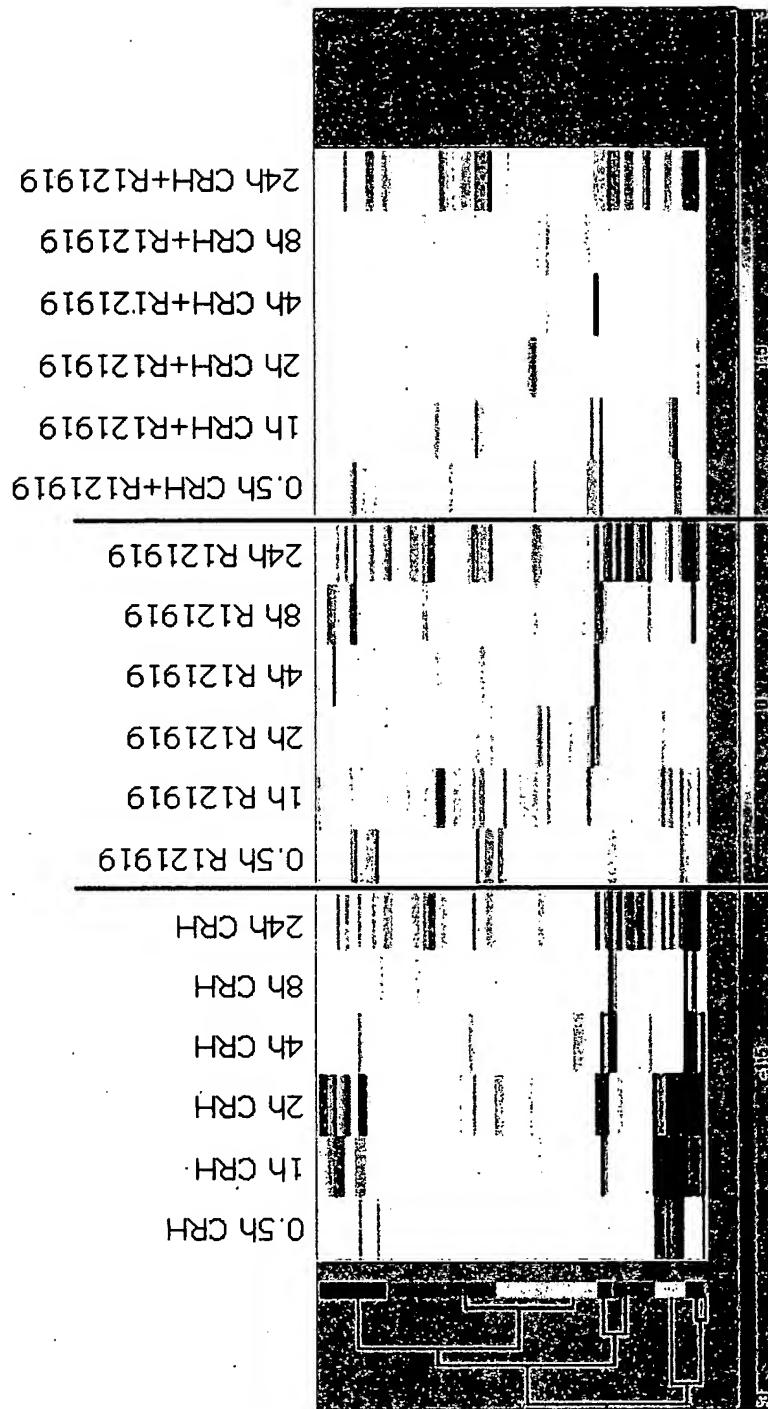
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Fig. 2



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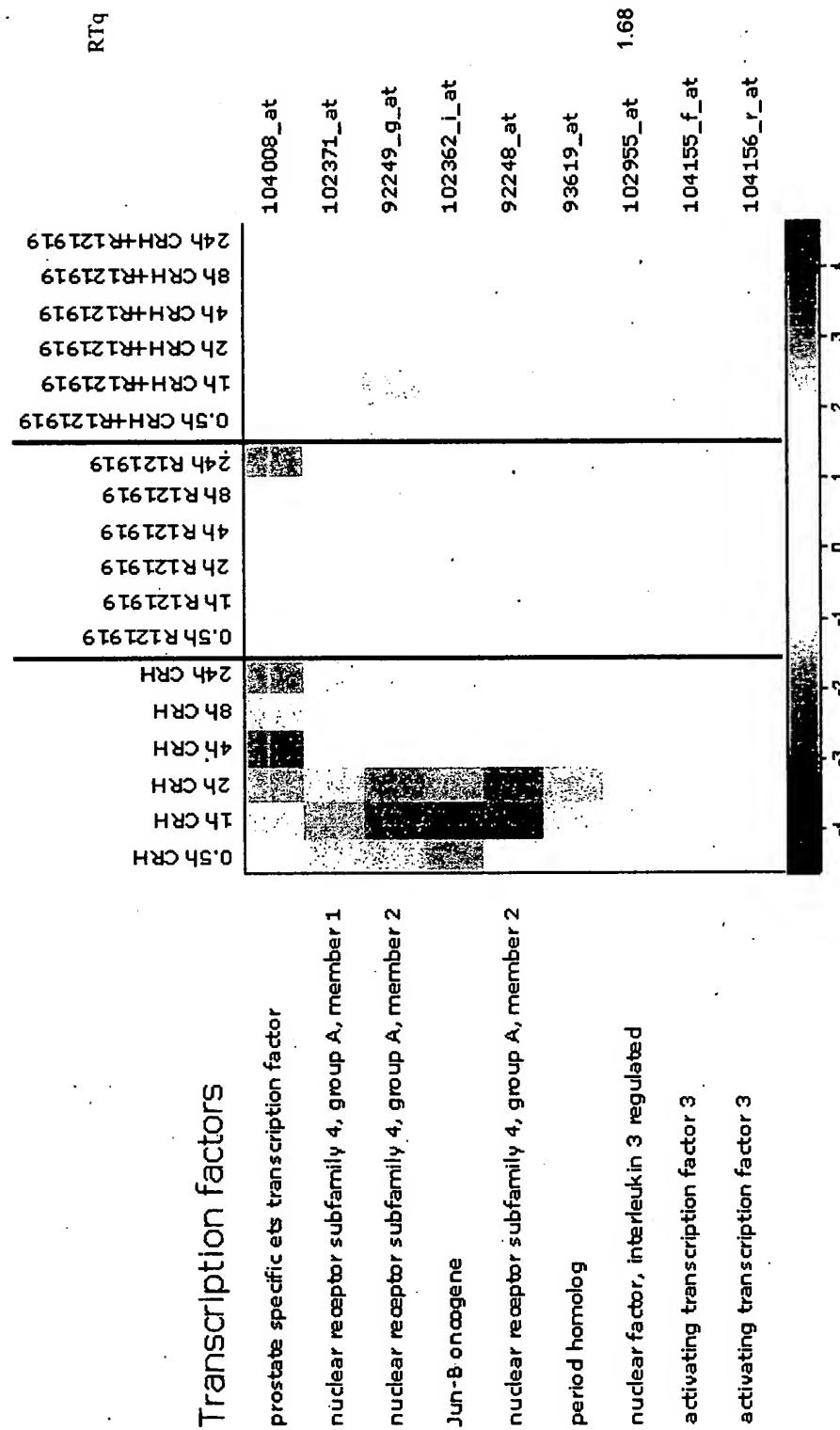
Fig.3



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Fig. 4



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Fig. 4 – continued

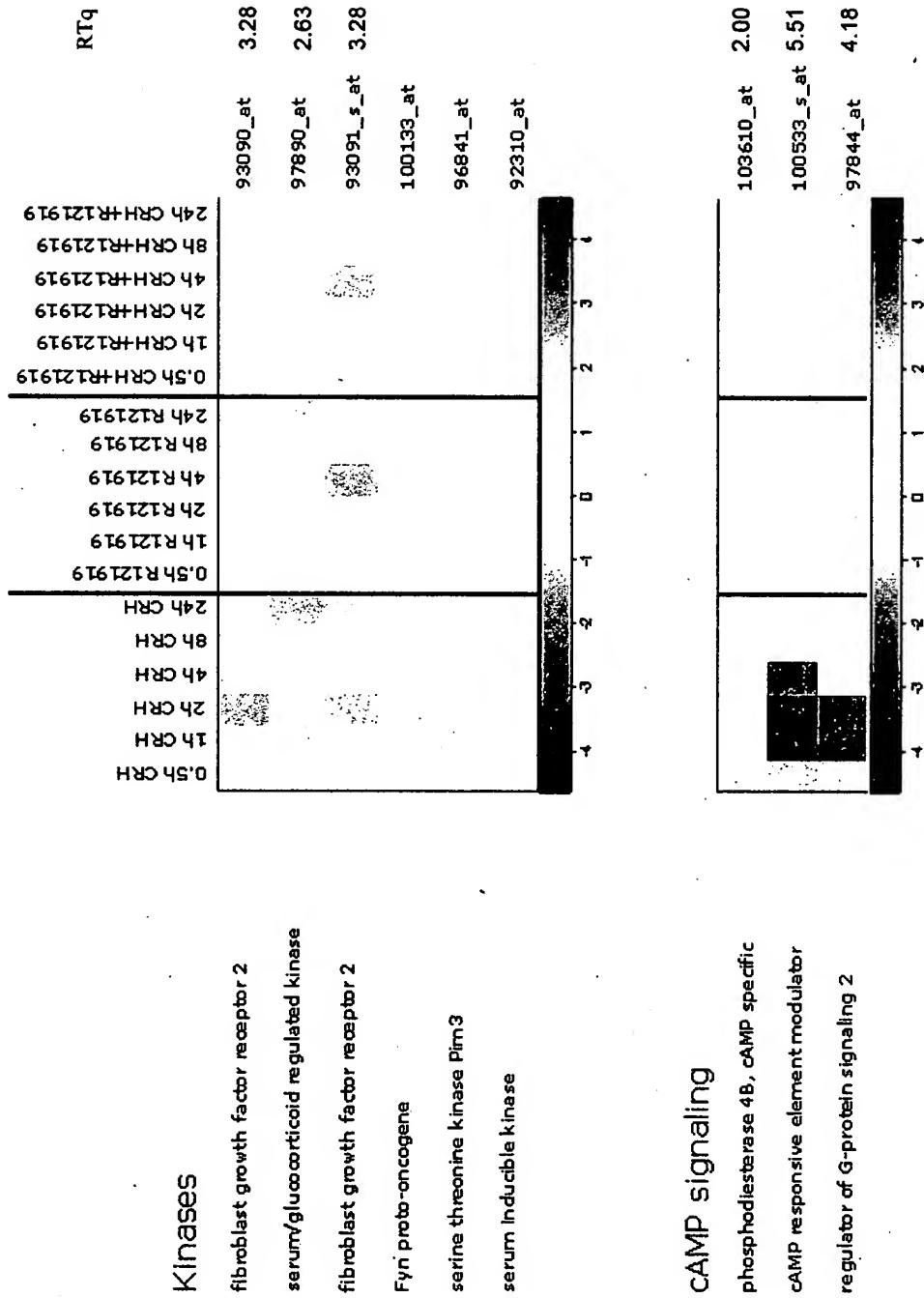
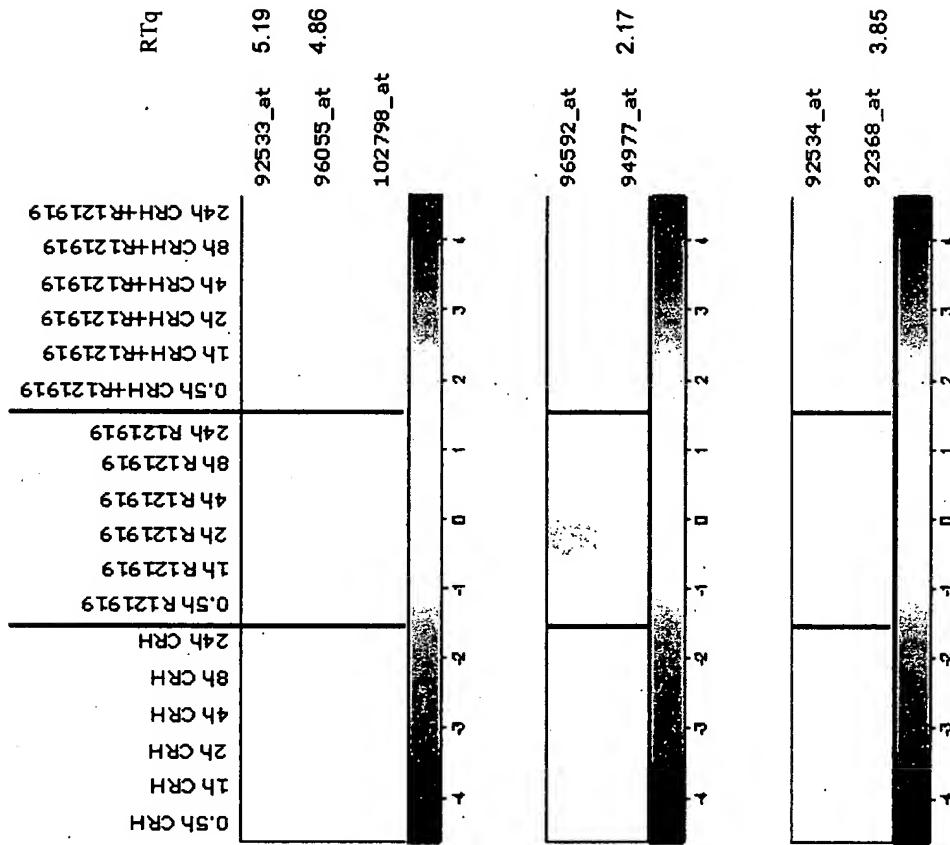


Fig.4 – continued



Inositol signaling

inositol 1,4,5-triphosphate receptor 1
phosphatidylinositol 3-kinase, regulatory subunit

Receptor and channel regulators

Ras related GTP binding protein
receptor (calcitonin) activity modifying protein 3

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Fig. 4 – continued

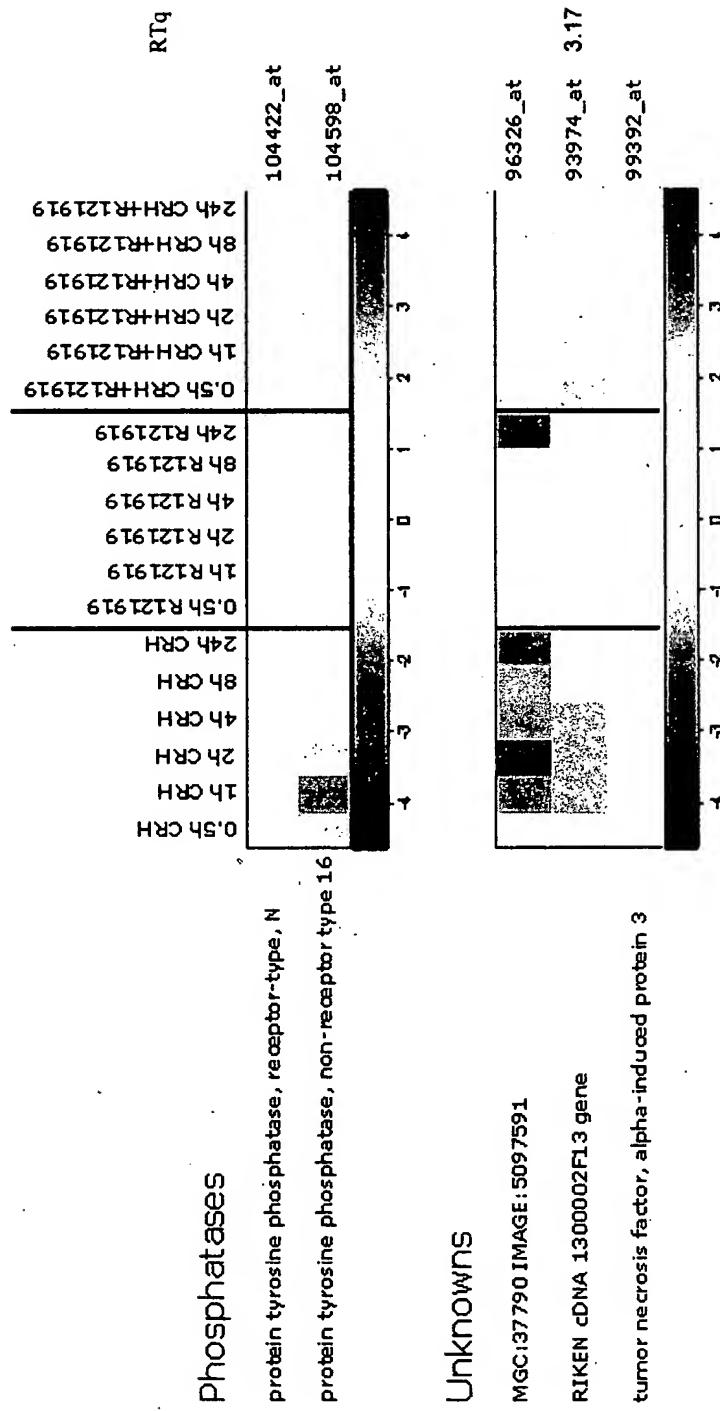


Fig. 5

